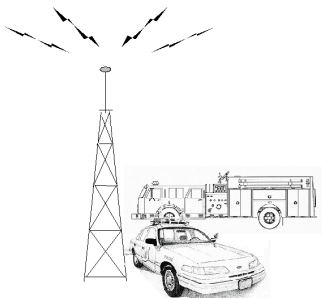


PCWIN Briefing

September 21, 2010



Captain Paul Wilson
PCWIN Project Administrator

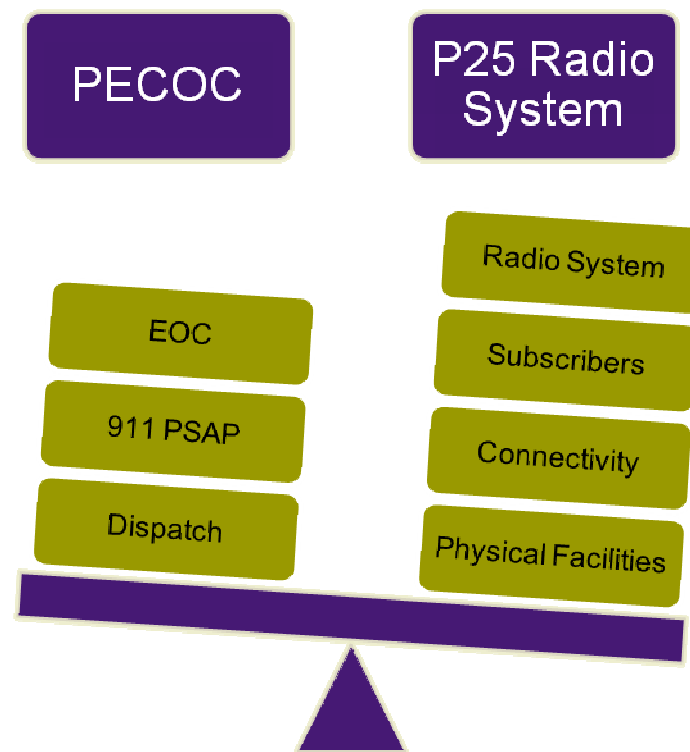


PIMA COUNTY WIRELESS INTEGRATED NETWORK

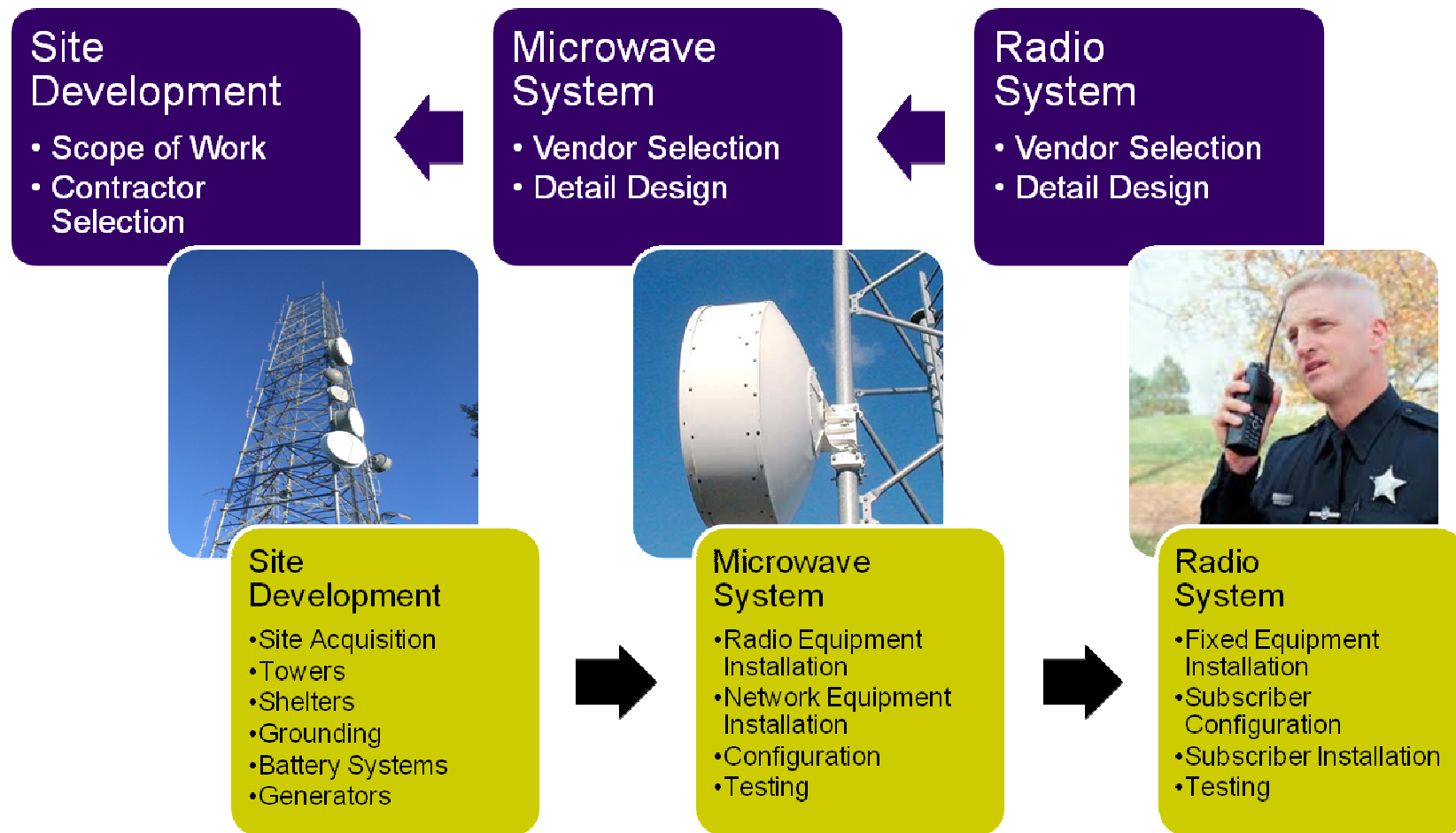
PUTTING PIMA COUNTY IN A BETTER STATE OF COMMUNICATION

PCWIN Mission

The mission of the PCWIN is to design, procure, deploy and operate a regional public safety voice communications network; improve public safety radio interoperability; and to design, construct and operate a regional communications center .



Radio System Procurement Process



Radio System Construction Process



Next Steps – Reported in September 2009

- PCWIN Business Plan update – **DONE**
- Hire Assistant Project Manager – **DONE**
- Complete Work Breakdown Structure and Baseline Master Project Schedule – **DONE**
- Complete microwave procurement - **DONE**
- Complete specifications for physical facility improvements
- Site acquisition
- Radio system detail design review
- Bid physical facility improvements
- PECOC schematic design - **DONE**
- PECOC construction documents
- Landlord tenant leases



Emergency Communications Facilities



Pima Emergency Communications & Operations Center

- Pima County Sheriff's Department
- Pima County Fire Districts
- Pima County OEM & Homeland Security
- Pima County Emergency Operations Center
- Backup 911 PSAP & Dispatch for City of Tucson

Status

- Schematic design – Completed
- Detail Design – 90% Complete
- Construction documents to be completed Feb. 2011



Tucson Thomas Price Service Center

- Tucson Police Department
- Tucson General Services Department
- Backup 911 PSAP & Dispatch for Sheriff's Department and County Fire Districts

Status

- County has agreed to provide \$4.4M to renovate the City facility
- Terms and conditions for an IGA are being finalized



Site Development



Site Development

- Site Acquisition
- Towers
- Shelters
- Grounding
- Battery Systems
- Generators

26 Radio/Microwave Sites

- 10 towers, 2 green field sites, 2 change of use sites
- 12 Site acquisition agreements completed – 46%

9 Dispatch Sites

- 6 Sites include new microwave links
- 6 Site acquisition agreements completed – 66%

3 Site Development Contractors

- Job order contracting method implemented
 - International Towers
 - Global Towers
 - Patriot Towers
- First quote package has been solicited

Scopes of Work

- Completion in conjunction with Site Agreements
- Distributed with quote package and including site studies



Microwave Network



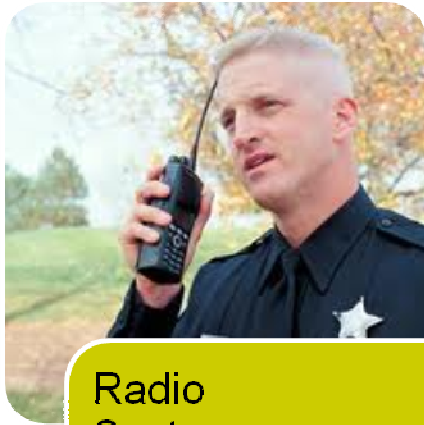
Microwave System

- Radio Equipment Installation
- Network Equipment Installation
- Configuration
- Testing

- Network Infrastructure Corporation contracted to provide microwave radio network.
- Detail design review completed 09/16/10. Clarifications to design specifications have been requested.
- Cisco SONET network equipment has been purchased and stored. Future installation will be by Cisco qualified engineers.
- Preparing to purchase equipment for two links to satisfy requirements of 2009 SHSGP grant.



Radio System



Radio System

- Fixed Equipment Installation
- Subscriber Configuration
- Subscriber Installation
- Testing

- Motorola contracted to provide an ASTRO25 P25 Phase II system, subscribers and maintenance.
- Detain design review
 - Technical review is completed.
 - Awaiting final decision on acceptance test plan procedures.
 - Final approval delayed to make sure microwave and radio designs are complimentary of each other and to avoid changes that might be necessary due to site acquisition problems.
- Preparing to purchase 301 mobile radios and 39 control stations with federal funding awarded to the Drexel Heights Fire District.
- Preparing to issue a purchase order fixed network equipment to satisfy requirements of a PSIC grant and a 2009 UASI grant.



Governance Assessment

- State was awarded a consulting services grant from USDHS OEC Technical Assistance Program to evaluate the PCWIN governance structure.
- Dr. Jennifer Hendry was assigned as lead consultant.
- Dr. Hendry conducted 3 workshops with specific stakeholder groups.
- A draft issues statement document has been forwarded for local review.
- Expect follow teleconferences with chief executives of key strategic partners for further input.
- Issues statements will be expanded to include draft recommendations.
- Following local review a final report will be prepared.



Grant	Status
FY05 COPS Earmark \$369,991 PECOC Telephone Switch & Handsets	Completed
FY06 COPS Earmark \$246,807 Network Equipment	Completed
FY07 Stonegarden Grant \$95,800 Microwave Link	Completed
FY08 COPS Earmark \$631,328 Subscriber Equipment	Pending Purchase of Equipment Grant extended
FY09 COPS Earmark \$200,000 Subscriber Equipment	Pending Purchase of Equipment Grant extended
FY08 IECGP Grant \$194,000 TICP Preparation	Completed
PSIC Grant \$3,323,658 Fixed LMR Equipment	Pending purchase of equipment Grant extended. On schedule.
FY09 SHSGP \$385,971 Microwave Equipment	Pending purchase of equipment Grant extended. On schedule.
FY09 UASI Grant \$1,720,000 Fixed LMR Equipment	Pending purchase of equipment Grant extended. On schedule.
FY08 SHSGP Fallout Grant \$39,091 Network Equipment	Completed
FY08 SHSGP Fallout Grant \$6,198 Network Equipment	Completed
FY10 COPS Earmark \$200,000 Subscriber Equipment	Contract in process
FY09 Assistance to Firefighters Grant \$827,843 Subscriber Equipment	IGA in process Pending purchase of equipment. On schedule.

Questions?

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